

**PRELIMINARY Analytical Data
Upper Animas River**

| Analyte | CAS.NO | Units | Location | 32nd St Bridge | 32nd St Bridge | 32nd St Bridge | A68 | A68 | A68 | A68 | A72 |
|--------------------------|-------------|-------------|-------------|----------------|----------------|----------------|--------------|--------------|--------------|-------------|-------------|
| | | | Sample ID | 085M-1491 | 085M-1492 | 085M-1490 | 085M-1497 | 085M-1499 | 085M-1500 | 085M-1498 | 085M-1483 |
| | | | Date | 8/5/2015 | 8/6/2015 | 8/6/2015 | 8/5/2015 | 8/5/2015 | 8/5/2015 | 8/6/2015 | 8/5/2015 |
| | | | Sample Time | 20:50 | 0:40 | 9:45 | 16:00 | 19:15 | 23:30 | 6:15 | 13:45 |
| | | | Latitude | 37.299991 | 37.299991 | 37.299991 | 37.81120198 | 37.81120198 | 37.81120198 | 37.81120198 | 37.79027049 |
| Longitude | -107.868199 | -107.868199 | -107.868199 | -107.6591665 | -107.6591665 | -107.6591665 | -107.6591665 | -107.6591665 | -107.6675778 | | |
| DM-Hardness - Calculated | | | | | | | | | | | |
| Hardness | NA | mg/l | -- | 158 | 159 | 160 | 101 | 103 | 102 | 103 | 172 |
| ICPOE/ICPMS Diss. Metals | | | | | | | | | | | |
| Aluminum | 7429-90-5 | ug/L | -- | < 20 U | < 20 U | < 20 U | 55.1 | 45.6 J | 31 J | 30.5 J | 513 |
| Antimony | 7440-36-0 | ug/L | -- | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U |
| Arsenic | 7440-38-2 | ug/L | -- | 0.628 J | 0.603 J | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U |
| Barium | 7440-39-3 | ug/L | -- | 48.2 | 49.3 | 45.7 | 21.3 | 21.9 | 22.5 | 21.8 | 20.2 |
| Beryllium | 7440-41-7 | ug/L | -- | < 2 U | < 2 U | < 2 U | < 2 U | < 2 U | < 2 U | < 2 U | < 2 U |
| Cadmium | 7440-43-9 | ug/L | -- | 0.178 J | 0.16 J | 0.19 J | 0.828 | 0.815 | 0.974 | 0.85 | 1.81 |
| Calcium | 7440-70-2 | ug/L | -- | 51200 | 51400 | 52200 | 36400 | 37200 | 36700 | 36900 | 61300 |
| Chromium | 7440-47-3 | ug/L | -- | 3.06 | 3 | 2.47 | 1.08 J | < 1 U | 1.23 J | < 1 U | < 1 U |
| Cobalt | 7440-48-4 | ug/L | -- | 0.321 | 0.332 | 0.307 | 0.34 | 0.371 | 0.375 | 0.405 | 5.75 |
| Copper | 7440-50-8 | ug/L | -- | 1.7 | 1.56 | 1.62 | 3.45 | 3.16 | 3.52 | 3.26 | 9.27 |
| Iron | 7439-89-6 | ug/L | -- | < 100 U | < 100 U | < 100 U | < 100 U | < 100 U | < 100 U | < 100 U | < 100 U |
| Lead | 7439-92-1 | ug/L | -- | 0.24 | < 0.1 U | 0.115 J | 0.232 | 0.283 | 0.82 | 0.329 | 0.225 |
| Magnesium | 7439-95-4 | ug/L | -- | 7280 | 7350 | 7120 | 2580 | 2560 | 2580 | 2610 | 4590 |
| Manganese | 7439-96-5 | ug/L | -- | 105 | 105 | 97.8 | 737 | 727 | 757 | 817 | 1370 |
| Molybdenum | 7439-98-7 | ug/L | -- | < 1 U | < 1 U | < 1 U | 1.51 | 1.44 | 1.48 | 1.4 | < 1 U |
| Nickel | 7440-02-0 | ug/L | -- | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | 2.87 |
| Potassium | 7440-09-7 | ug/L | -- | 1960 | 2020 | 1890 | 535 J | 530 J | 515 J | 514 J | 691 J |
| Selenium | 7782-49-2 | ug/L | -- | < 1 U | < 1 U | < 1 U | < 1 U | < 1 U | < 1 U | < 1 U | < 1 U |
| Silver | 7440-22-4 | ug/L | -- | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U |
| Sodium | 7440-23-5 | ug/L | -- | 11400 | 11600 | 11000 | 1750 | 1720 | 1740 | 1720 | 2400 |
| Thallium | 7440-28-0 | ug/L | -- | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U |
| Vanadium | 7440-62-2 | ug/L | -- | < 2 U | < 2 U | < 2 U | < 2 U | < 2 U | < 2 U | < 2 U | < 2 U |
| Zinc | 7440-66-6 | ug/L | -- | 43.5 | 37.8 | 49.1 | 199 | 238 | 324 | 326 | 699 |

PRELIMINARY Analytical Data Upper Animas River

| Analyte | CAS.NO | Units | Location | 32nd St Bridge | 32nd St Bridge | 32nd St Bridge | A68 | A68 | A68 | A68 | A72 |
|------------------------------|-------------|-------------|-------------|----------------|----------------|----------------|--------------|--------------|--------------|-------------|-------------|
| | | | Sample ID | 085M-1491 | 085M-1492 | 085M-1490 | 085M-1497 | 085M-1499 | 085M-1500 | 085M-1498 | 085M-1483 |
| | | | Date | 8/5/2015 | 8/6/2015 | 8/6/2015 | 8/5/2015 | 8/5/2015 | 8/5/2015 | 8/6/2015 | 8/5/2015 |
| | | | Sample Time | 20:50 | 0:40 | 9:45 | 16:00 | 19:15 | 23:30 | 6:15 | 13:45 |
| | | | Latitude | 37.299991 | 37.299991 | 37.299991 | 37.81120198 | 37.81120198 | 37.81120198 | 37.81120198 | 37.79027049 |
| Longitude | -107.868199 | -107.868199 | -107.868199 | -107.6591665 | -107.6591665 | -107.6591665 | -107.6591665 | -107.6591665 | -107.6675778 | | |
| ICPOE/ICPMS Tot. Rec. Metals | | | | | | | | | | | |
| Aluminum | 7429-90-5 | ug/L | -- | 176 | 171 | 220 | 111 | 103 | 88.3 | 90.9 | 5970 |
| Antimony | 7440-36-0 | ug/L | -- | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U | 6.17 D |
| Arsenic | 7440-38-2 | ug/L | -- | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U | 28.9 D |
| Barium | 7440-39-3 | ug/L | -- | 49.9 JD | 48.8 JD | 46.8 JD | < 25 U | < 25 U | < 25 U | < 25 U | 168 D |
| Beryllium | 7440-41-7 | ug/L | -- | < 2 U | < 2 U | < 2 U | < 2 U | < 2 U | < 2 U | < 2 U | < 2 U |
| Cadmium | 7440-43-9 | ug/L | -- | < 0.5 U | < 0.5 U | < 0.5 U | 0.724 JD | 0.652 JD | 0.717 JD | 0.703 JD | 2.27 D |
| Calcium | 7440-70-2 | ug/L | -- | 52000 | 52200 | 51600 | 37600 | 37700 | 38500 | 38300 | 61700 |
| Chromium | 7440-47-3 | ug/L | -- | < 5 U | < 5 U | < 5 U | < 5 U | < 5 U | < 5 U | < 5 U | < 5 U |
| Cobalt | 7440-48-4 | ug/L | -- | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | 7.04 D |
| Copper | 7440-50-8 | ug/L | -- | 2.7 JD | < 2.5 U | 3.31 JD | 6.15 D | 4.14 JD | 4.89 JD | 4.63 JD | 49.3 D |
| Iron | 7439-89-6 | ug/L | -- | 331 | 295 | 371 | 165 J | 132 J | 138 J | 143 J | 66300 |
| Lead | 7439-92-1 | ug/L | -- | 2.56 D | 1.8 D | 3.46 JD | 1.77 D | 1.54 D | 2.18 D | 1.55 D | 214 D |
| Magnesium | 7439-95-4 | ug/L | -- | 7140 | 7160 | 7050 | 2560 | 2540 | 2590 | 2590 | 5600 |
| Manganese | 7439-96-5 | ug/L | -- | 118 | 113 | 120 | 729 | 711 | 750 | 793 | 1480 |
| Molybdenum | 7439-98-7 | ug/L | -- | < 5 U | < 5 U | < 5 U | < 5 U | < 5 U | < 5 U | < 5 U | < 5 U |
| Nickel | 7440-02-0 | ug/L | -- | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U | 4.33 JD |
| Potassium | 7440-09-7 | ug/L | -- | 2050 | 2110 | 2050 | 636 J | 644 J | 616 J | 578 J | 2380 |
| Selenium | 7782-49-2 | ug/L | -- | < 5 U | < 5 U | < 5 U | < 5 U | < 5 U | < 5 U | < 5 U | < 5 U |
| Silver | 7440-22-4 | ug/L | -- | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U |
| Sodium | 7440-23-5 | ug/L | -- | 11100 | 11300 | 10900 | 1680 | 1710 | 1710 | 1690 | 2470 |
| Thallium | 7440-28-0 | ug/L | -- | 12 D | 13.2 D | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U |
| Vanadium | 7440-62-2 | ug/L | -- | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | 18.3 D |
| Zinc | 7440-66-6 | ug/L | -- | 71.9 | 67.7 | 79.8 | 222 | 248 | 316 | 321 | 731 |
| TM_Mercury 245.1 | | | | | | | | | | | |
| Mercury | 7439-97-6 | ug/L | -- | < 0.05 U | < 0.05 U | < 0.05 U | < 0.05 U | < 0.05 U | < 0.05 U | < 0.05 U | < 0.05 U |

J Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)
MDL Method Detection Limit
PQL Practical Quantitation Limit, also known as reporting limit.
U Analyte not detected at or above MDL qualifier
D Diluted value qualifier.
mg/L Parts per million (milligrams per liter). Solids equivalent = mg/Kg.
ug/L Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**PRELIMINARY Analytical Data
Upper Animas River**

| Analyte | CAS.NO | Units | Location | A72 | A72 | A72 | A72 | Bakers Bridge | Bakers Bridge | Bakers Bridge | CC48 |
|--------------------------|-----------|-------|-------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|-----------|
| | | | Sample ID | 085M-1482 | 085M-1485 | 085M-1486 | 085M-1484 | 085M-1495 | 085M-1493 | 085M-1494 | 085M-1489 |
| | | | Date | 8/5/2015 | 8/5/2015 | 8/5/2015 | 8/6/2015 | 8/5/2015 | 8/6/2015 | 8/6/2015 | 8/5/2015 |
| | | | Sample Time | 16:15 | 20:10 | 23:50 | 6:30 | 20:05 | 0:00 | 9:00 | 19:25 |
| | | | Latitude | 37.79027049 | 37.79027049 | 37.79027049 | 37.79027049 | -37.454134 | -37.454134 | -37.454134 | 37.82 |
| | | | Longitude | -107.6675778 | -107.6675778 | -107.6675778 | -107.6675778 | -107.801601 | -107.801601 | -107.801601 | -107.6631 |
| DM-Hardness - Calculated | | | | | | | | | | | |
| Hardness | NA | mg/l | -- | 271 | 158 | 144 | 143 | 98 | 98 | 138 | 537 |
| ICPOE/ICPMS Diss. Metals | | | | | | | | | | | |
| Aluminum | 7429-90-5 | ug/L | -- | 12000 | 1370 | 59.1 | < 20 U | 52.3 | 43.9 J | 904 | 23900 |
| Antimony | 7440-36-0 | ug/L | -- | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 2.5 U |
| Arsenic | 7440-38-2 | ug/L | -- | 0.797 J | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 2.5 U |
| Barium | 7440-39-3 | ug/L | -- | 22.6 | 21.6 | 20.8 | 21.5 | 29.8 | 29.9 | 30.3 | 25.7 JD |
| Beryllium | 7440-41-7 | ug/L | -- | 4.5 J | < 2 U | < 2 U | < 2 U | < 2 U | < 2 U | < 2 U | 9.29 |
| Cadmium | 7440-43-9 | ug/L | -- | 15.2 | 4.29 | 2.59 | 2.11 | 0.353 | 0.336 | 5.32 | 30.6 D |
| Calcium | 7440-70-2 | ug/L | -- | 95400 | 55700 | 51000 | 50700 | 32600 | 32600 | 46500 | 190000 |
| Chromium | 7440-47-3 | ug/L | -- | < 1 U | < 1 U | < 1 U | < 1 U | < 1 U | < 1 U | < 1 U | < 5 U |
| Cobalt | 7440-48-4 | ug/L | -- | 32.1 | 7.98 | 5.4 | 4.69 | 1.02 | 1.08 | 9.32 | 54.4 D |
| Copper | 7440-50-8 | ug/L | -- | 1410 | 205 | 11.4 | 7.63 | 2.28 | 1.88 | 189 | 2260 D |
| Iron | 7439-89-6 | ug/L | -- | 5840 | 3170 | 2090 | 1980 | < 100 U | < 100 U | 189 J | 27000 |
| Lead | 7439-92-1 | ug/L | -- | 50.7 | 3.12 | 0.118 J | < 0.1 U | < 0.1 U | < 0.1 U | 1.56 | 73.9 D |
| Magnesium | 7439-95-4 | ug/L | -- | 8030 | 4650 | 4170 | 4030 | 3990 | 3920 | 5300 | 15400 |
| Manganese | 7439-96-5 | ug/L | -- | 6650 | 1810 | 1320 | 1160 | 306 | 296 | 2090 | 10900 |
| Molybdenum | 7439-98-7 | ug/L | -- | < 1 U | < 1 U | < 1 U | < 1 U | < 1 U | < 1 U | < 1 U | < 5 U |
| Nickel | 7440-02-0 | ug/L | -- | 13.8 | 4.04 | 2.69 | 2.72 | 0.646 J | 0.788 J | 5.39 | 28.8 D |
| Potassium | 7440-09-7 | ug/L | -- | 1520 | 721 J | 631 J | 605 J | 631 J | 646 J | 912 J | 2160 |
| Selenium | 7782-49-2 | ug/L | -- | 1.14 J | < 1 U | < 1 U | < 1 U | < 1 U | < 1 U | < 1 U | < 5 U |
| Silver | 7440-22-4 | ug/L | -- | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 2.5 U |
| Sodium | 7440-23-5 | ug/L | -- | 2600 | 2310 | 2330 | 2310 | 1790 | 1790 | 1960 | 3930 |
| Thallium | 7440-28-0 | ug/L | -- | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 2.5 U |
| Vanadium | 7440-62-2 | ug/L | -- | < 2 U | < 2 U | < 2 U | < 2 U | < 2 U | < 2 U | < 2 U | < 10 U |
| Zinc | 7440-66-6 | ug/L | -- | 4020 | 1210 | 733 | 609 | 85.8 | 110 | 1700 | 8540 |

PRELIMINARY Analytical Data Upper Animas River

| Analyte | CAS.NO | Units | Location | A72 | A72 | A72 | A72 | Bakers Bridge | Bakers Bridge | Bakers Bridge | CC48 |
|------------------------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|---------------|---------------|---------------|-----------|
| | | | Sample ID | 085M-1482 | 085M-1485 | 085M-1486 | 085M-1484 | 085M-1495 | 085M-1493 | 085M-1494 | 085M-1489 |
| | | | Date | 8/5/2015 | 8/5/2015 | 8/5/2015 | 8/6/2015 | 8/5/2015 | 8/6/2015 | 8/6/2015 | 8/5/2015 |
| | | | Sample Time | 16:15 | 20:10 | 23:50 | 6:30 | 20:05 | 0:00 | 9:00 | 19:25 |
| | | | Latitude | 37.79027049 | 37.79027049 | 37.79027049 | 37.79027049 | -37.454134 | -37.454134 | -37.454134 | 37.82 |
| Longitude | -107.6675778 | -107.6675778 | -107.6675778 | -107.6675778 | -107.801601 | -107.801601 | -107.801601 | -107.6631 | | | |
| ICPOE/ICPMS Tot. Rec. Metals | | | | | | | | | | | |
| Aluminum | 7429-90-5 | ug/L | -- | 126000 D | 12800 | 4470 | 2780 | 363 | 375 | 31400 | 69000 D |
| Antimony | 7440-36-0 | ug/L | -- | < 50 U | 10.2 D | 2.66 JD | < 2.5 U | < 2.5 U | < 2.5 U | 19.9 JD | 35.1 JD |
| Arsenic | 7440-38-2 | ug/L | -- | 1080 D | 116 D | 27.1 D | 15.7 D | < 2.5 U | < 2.5 U | 264 D | 732 D |
| Barium | 7440-39-3 | ug/L | -- | 1410 D | 111 D | 47.6 JD | 31.2 JD | 29.9 JD | 30.7 JD | 341 D | 439 JD |
| Beryllium | 7440-41-7 | ug/L | -- | 18.4 JD | 2.06 J | < 2 U | < 2 U | < 2 U | < 2 U | 4.73 J | 13.1 JD |
| Cadmium | 7440-43-9 | ug/L | -- | 28.3 D | 4.69 D | 3.23 D | 2.34 D | < 0.5 U | < 0.5 U | 6.13 D | 30.6 D |
| Calcium | 7440-70-2 | ug/L | -- | 98400 D | 55100 | 51100 | 50300 | 33000 | 32400 | 48500 | 171000 D |
| Chromium | 7440-47-3 | ug/L | -- | < 100 U | 10.6 D | < 5 U | < 5 U | < 5 U | < 5 U | < 25 U | < 50 U |
| Cobalt | 7440-48-4 | ug/L | -- | 54.1 D | 9.51 D | 5.92 D | 5.24 D | 0.975 JD | 1.12 D | 12.8 D | 59.8 D |
| Copper | 7440-50-8 | ug/L | -- | 4820 D | 542 D | 180 D | 113 D | 4.03 JD | 4.15 JD | 1120 D | 3620 D |
| Iron | 7439-89-6 | ug/L | -- | 1250000 D | 164000 | 35700 | 18400 | 421 | 412 | 326000 | 896000 D |
| Lead | 7439-92-1 | ug/L | -- | 25600 D | 1390 D | 301 D | 88.3 D | 3.45 D | 1.5 D | 5720 D | 7530 D |
| Magnesium | 7439-95-4 | ug/L | -- | 41800 D | 6490 | 4640 | 4120 | 4110 | 3920 | 12100 | 23400 D |
| Manganese | 7439-96-5 | ug/L | -- | 12200 D | 2020 | 1350 | 1170 | 302 | 295 | 3040 | 11900 D |
| Molybdenum | 7439-98-7 | ug/L | -- | 268 D | 23.2 D | 5.89 D | < 5 U | < 5 U | < 5 U | 66.9 D | 138 D |
| Nickel | 7440-02-0 | ug/L | -- | < 50 U | 6.61 D | 3.75 JD | 3.54 JD | < 2.5 U | < 2.5 U | < 12.5 U | 36 JD |
| Potassium | 7440-09-7 | ug/L | -- | 28600 D | 3030 | 1480 | 940 J | 751 J | 748 J | 8400 | 11300 D |
| Selenium | 7782-49-2 | ug/L | -- | < 100 U | < 5 U | < 5 U | < 5 U | < 5 U | < 5 U | < 25 U | < 50 U |
| Silver | 7440-22-4 | ug/L | -- | 149 D | 8.25 D | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U | 37.8 D | 45.7 JD |
| Sodium | 7440-23-5 | ug/L | -- | 4750 JD | 2460 | 2310 | 2250 | 1870 | 1820 | 2710 | 4450 JD |
| Thallium | 7440-28-0 | ug/L | -- | < 50 U | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U | < 2.5 U | < 12.5 U | < 25 U |
| Vanadium | 7440-62-2 | ug/L | -- | 677 D | 80.7 D | 18.7 D | 12.4 JD | < 10 U | < 10 U | 172 D | 455 D |
| Zinc | 7440-66-6 | ug/L | -- | 6840 D | 1250 | 806 | 672 | 129 | 137 | 1860 | 8060 D |
| TM_Mercury 245.1 | | | | | | | | | | | |
| Mercury | 7439-97-6 | ug/L | -- | 0.418 | 0.065 J | < 0.05 U | < 0.05 U | < 0.05 U | < 0.05 U | 0.152 | 0.078 J |

J Data Estimated qualifier (also applied to all data)
 MDL Method Detection Limit
 PQL Practical Quantitation Limit, also known as report
 U Analyte not detected at or above MDL qualifier
 D Diluted value qualifier.
 mg/L Parts per million (milligrams per liter). Solids equ
 ug/L Parts per billion (micrograms per liter). Solids equ

**PRELIMINARY Analytical Data
Upper Animas River**

| Analyte | CAS.NO | Units | Location | CC48 | CC48 | Cement Creek 14th St Bridge |
|--------------------------|-----------|-------|-------------|-----------|-----------|-----------------------------|
| | | | Sample ID | 085M-1488 | 085M-1487 | 085M-1496 |
| | | | Date | 8/5/2015 | 8/6/2015 | 8/5/2015 |
| | | | Sample Time | 23:00 | 6:00 | 16:00 |
| | | | Latitude | 37.82 | 37.82 | 37.8124 |
| | | | Longitude | -107.6631 | -107.6631 | -107.661401 |
| DM-Hardness - Calculated | | | | | | |
| Hardness | NA | mg/l | -- | 467 | 433 | 1300 |
| ICPOE/ICPMS Diss. Metals | | | | | | |
| Aluminum | 7429-90-5 | ug/L | -- | 14400 | 10100 | 91900 |
| Antimony | 7440-36-0 | ug/L | -- | < 2.5 U | < 2.5 U | < 5 U |
| Arsenic | 7440-38-2 | ug/L | -- | < 2.5 U | < 2.5 U | < 5 U |
| Barium | 7440-39-3 | ug/L | -- | < 25 U | < 25 U | < 50 U |
| Beryllium | 7440-41-7 | ug/L | -- | 4.31 J | 2.65 J | 34.8 |
| Cadmium | 7440-43-9 | ug/L | -- | 19.1 D | 14.2 D | 98.3 D |
| Calcium | 7440-70-2 | ug/L | -- | 167000 | 156000 | 461000 |
| Chromium | 7440-47-3 | ug/L | -- | < 5 U | < 5 U | < 10 U |
| Cobalt | 7440-48-4 | ug/L | -- | 36.2 D | 30.7 D | 204 D |
| Copper | 7440-50-8 | ug/L | -- | 1130 D | 786 D | 10400 D |
| Iron | 7439-89-6 | ug/L | -- | 21300 | 20000 | 49500 |
| Lead | 7439-92-1 | ug/L | -- | 54.1 D | 30 D | 150 D |
| Magnesium | 7439-95-4 | ug/L | -- | 12300 | 10900 | 36500 |
| Manganese | 7439-96-5 | ug/L | -- | 8020 | 6720 | 37100 |
| Molybdenum | 7439-98-7 | ug/L | -- | < 5 U | < 5 U | < 10 U |
| Nickel | 7440-02-0 | ug/L | -- | 18.2 D | 15.8 D | 91.5 D |
| Potassium | 7440-09-7 | ug/L | -- | 1600 | 1410 | 6630 |
| Selenium | 7782-49-2 | ug/L | -- | < 5 U | < 5 U | < 10 U |
| Silver | 7440-22-4 | ug/L | -- | < 2.5 U | < 2.5 U | < 5 U |
| Sodium | 7440-23-5 | ug/L | -- | 3660 | 3690 | 4960 |
| Thallium | 7440-28-0 | ug/L | -- | < 2.5 U | < 2.5 U | < 5 U |
| Vanadium | 7440-62-2 | ug/L | -- | < 10 U | < 10 U | < 20 U |
| Zinc | 7440-66-6 | ug/L | -- | 5820 | 4650 | 26800 |

PRELIMINARY Analytical Data Upper Animas River

| Analyte | CAS.NO | Units | Location | CC48 | CC48 | Cement Creek 14th St Bridge |
|------------------------------|-----------|-------|-------------|-----------|-----------|-----------------------------|
| | | | Sample ID | 085M-1488 | 085M-1487 | 085M-1496 |
| | | | Date | 8/5/2015 | 8/6/2015 | 8/5/2015 |
| | | | Sample Time | 23:00 | 6:00 | 16:00 |
| | | | Latitude | 37.82 | 37.82 | 37.8124 |
| | | | Longitude | -107.6631 | -107.6631 | -107.661401 |
| ICPOE/ICPMS Tot. Rec. Metals | | | | | | |
| Aluminum | 7429-90-5 | ug/L | -- | 28700 D | 16400 | 945000 D |
| Antimony | 7440-36-0 | ug/L | -- | 14.1 D | 6.79 D | 321 JD |
| Arsenic | 7440-38-2 | ug/L | -- | 203 D | 98.5 D | 8230 D |
| Barium | 7440-39-3 | ug/L | -- | 159 D | 52.3 D | 9730 D |
| Beryllium | 7440-41-7 | ug/L | -- | < 10 U | 3.55 J | 135 JD |
| Cadmium | 7440-43-9 | ug/L | -- | 18.5 D | 14.5 D | 165 D |
| Calcium | 7440-70-2 | ug/L | -- | 154000 D | 146000 | 454000 D |
| Chromium | 7440-47-3 | ug/L | -- | 17.2 JD | 6.62 JD | 706 JD |
| Cobalt | 7440-48-4 | ug/L | -- | 39.1 D | 29.8 D | 384 D |
| Copper | 7440-50-8 | ug/L | -- | 1480 D | 909 D | 36700 D |
| Iron | 7439-89-6 | ug/L | -- | 276000 D | 130000 | 9930000 D |
| Lead | 7439-92-1 | ug/L | -- | 2010 D | 536 D | 179000 D |
| Magnesium | 7439-95-4 | ug/L | -- | 15000 D | 11300 | 279000 D |
| Manganese | 7439-96-5 | ug/L | -- | 8270 D | 6540 | 78000 D |
| Molybdenum | 7439-98-7 | ug/L | -- | 36.5 D | 14.3 D | 2010 D |
| Nickel | 7440-02-0 | ug/L | -- | 20.8 D | 14.8 D | 276 JD |
| Potassium | 7440-09-7 | ug/L | -- | 5220 D | 2470 | 212000 D |
| Selenium | 7782-49-2 | ug/L | -- | 10.1 JD | < 5 U | < 500 U |
| Silver | 7440-22-4 | ug/L | -- | 10.8 D | 2.53 JD | 1110 D |
| Sodium | 7440-23-5 | ug/L | -- | 3940 JD | 3730 | 23400 JD |
| Thallium | 7440-28-0 | ug/L | -- | < 5 U | < 2.5 U | < 250 U |
| Vanadium | 7440-62-2 | ug/L | -- | 131 D | 67.3 D | 5470 D |
| Zinc | 7440-66-6 | ug/L | -- | 5400 D | 4160 | 44000 D |
| TM_Mercury 245.1 | | | | | | |
| Mercury | 7439-97-6 | ug/L | -- | 0.077 J | 0.052 J | 19.2 D |

J Data Estimated qualifier (also applied to all data)
 MDL Method Detection Limit
 PQL Practical Quantitation Limit, also known as report
 U Analyte not detected at or above MDL qualifier
 D Diluted value qualifier.
 mg/L Parts per million (milligrams per liter). Solids equ
 ug/L Parts per billion (micrograms per liter). Solids equ